

Patent Abstracts of Japan

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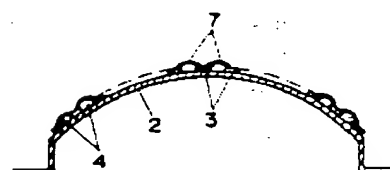
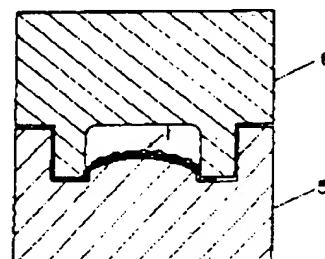
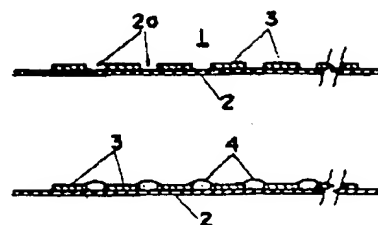
APPLICATION DATE : 09-11-82
APPLICATION NUMBER : 57197161

APPLICANT : KYUSHU HITACHI MAXELL LTD;

INVENTOR : SHIMAZU HIROSHI;

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TITLE : PRODUCTION OF OUTSIDE BLADE OF
ELECTRIC SHAVER



ABSTRACT : PURPOSE: To obtain a tilted outside blade which is made substantially strong in a peripheral part by subjecting a conductive base plate formed of a resist in the position corresponding to the beard introducing holes of the outside blade to primary electroforming then forming the base plate to a spherical shape by drawing and subjecting the same further to secondary electroforming thereby finishing thinly the central part of the outside blade.

CONSTITUTION: A resist 3 consisting of an electrical insulating material is formed on the top surface of a flat platelike substrate 2 consisting of a conductive thin metallic sheet such as an Ni sheet in the position corresponding to the beard introducing holes thereof, thereby manufacturing a matrix 1. The matrix 1 is subjected to primary electroforming to form a primary electroforming layer 4 on the exposed surface 2a of the plate 2 removed of the resist 3. The matrix 1 formed thereon with the layer 4 is dipped in an aq. soln. of $K_2Cr_2O_7$ or the like and is subjected to a stripping treatment followed by drawing so that the matrix 1 is formed to a spherical shape. The matrix 1 is again dipped in an electrodeposition cell and is formed with a secondary electroforming layer 7 on the upper part of the layer 4 to a prescribed thickness by secondary electroforming. The layer 7 is stripped upon ending of the electroforming and the production of the base plate for the outside blade is completed.

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